A MICRO MEDICAL-LAB-ON-A-CHIP IN A LOLLIPOP AS A DRUG DELIVERY DEVICE AND/OR A HEALTH MONITORING DEVICE

Abstract of the Disclosure

The invention comprises an oral platform, a microchip for making physiological tests and/or delivery of drugs, and a stick connected to the platform to serve as a handle or conduit from the microchip for exterior communication. A candy shell coating on the platform incorporates medicinal agents. The platform has a plurality of fluidic ports conducive for communication of saliva to or oral delivery from the microchip. A base unit is connected to the stick and communicates to the microchip. The platform, microchip, and stick are combined together into a lollipop and further comprise a plurality of base units which are interchangeable with a plurality of lollipops. A cradle unit capable of is temporarily coupled to the base unit for recharging the base unit. The cradle unit further provides data processing, communication and/or display. The invention is also a method of making physiological tests and/or delivering drugs with the above device.